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**ABSTRACT**

In a radio network having plural routers (10, 12, 14, 16, 18), each router includes a routing table (101, 121, 141, 161, 181). Link state information of the network that has been forwarded to the router is received and used to determine the connections in the network. The determined network connections are collected to generate network topology information which is placed in the routing table (101, 121, 141, 161, 181). The network topology information is retrievable for inclusion in messages forwarded by the receiving router.

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